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**FEB 23 2005**

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7590 12/01/2004

Lockheed Martin Corporation  
 Intellectual Property Law Department  
 Bldg. 400, Mail Drop 043  
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Connie Chapman	(Depositor's name)
<i>Connie Chapman</i>	
February 22, 2005	
(Date)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/643,372	08/20/2003	Robert J. Howard	FE-00635 501464 10643372	4830
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TITLE OF INVENTION: SOLID STATE THERMAL ENGINE

02/25/2005 MBERHE1 00000095 501464 10643372  
 02 FC:1501 1400.00 DA  
 02 FC:1501 300.00 DA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370 1400	\$300	\$1670 1700	03/01/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, HOANG M	3748	060-527000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Mark A. Wurm

2. \_\_\_\_\_

3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Lockheed Martin Corporation

Bethesda, Maryland 20817

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

Issue Fee  
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The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1464 (enclose an extra copy of this form).

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Mark A. Wurm

Date February 22, 2005

Typed or printed name

Mark A. Wurm

Registration No. 31,682

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